# The 10 Steps of the AVID Tutorial Process

The AVID tutorial process has been divided into three parts—

before the tutorial,

during the tutorial

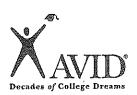
and after the tutorial.

These three parts provide a framework for the 10 steps that need to take place

Read and note the key components of each step of the tutorial process, as described on pages 2–5 of this handout.

to create effective, rigorous

and collaborative tutorials.



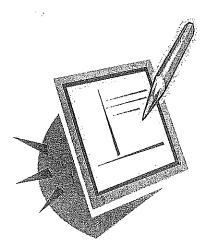


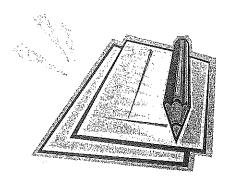
### Before the Tutorial (Steps 1-3)

**Directions:** Read and note the key components of each step of the tutorial process by circling the key terms and underlining the main ideas.



In their academic classes, students take Cornell notes guided by the Essential Question on the material presented in lectures, textbook readings, videos, handouts, etc. After class, students review their notes, create questions in the column on the left and write a summary at the bottom of the page responding to the Essential Question. (See the Focused Note-Taking CD and Cornell note section of this book for detailed information.)







While completing homework/studying for tests/ reviewing Cornell notes the night before a tutorial, students identify a point of confusion. Using the Tutorial Request Form (TRF), students complete the pre-work leading to the point of confusion. This pre-work includes: initial question, key vocabulary associated with the question, prior knowledge, critical thinking about the initial questions and the steps/ process used to identify the point of confusion.

*Note:* The TRF also includes: accountability for bringing resources, using collaborative inquiry, taking notes and reflecting.



As students enter the room, the teacher/tutor checks the TRF pre-work and resources. The resources students bring to support their point of confusion include: Cornell notes, textbooks and quizzes.

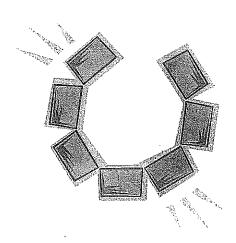




### During the Tutorial (Steps 4-7)



Teacher/tutor places students in tutorial groups of 7 or fewer, meeting the 7:1 student/tutor ratio. It is important for the tutor to communicate with the teacher to determine the method used to group students (Tutorial Analysis Grade Reflection, question content, core teacher, etc.). Group members sit in a semi-circle (horseshoe shape) to facilitate communication/collaboration among all students, facing a board on which the student presenter can record his/her pre-work and point of confusion.





The student presenter writes the point of confusion (POC) question on the board and explains to group members his/her pre-work by giving a 30-Second Speech. Next, group members ask questions using the Levels of Thinking to probe deeper into possible approaches to solving the point of confusion. During this inquiry process, the student presenter begins to make sense of the question and records notes on the board while group members take three-column notes on what he/she has written.

Group members are not responsible for finding the answer to the student presenter's question; their primary goal is to prompt the thinking and guide the student presenter, using critical thinking.

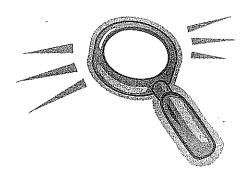
The tutor's responsibility is to coach/facilitate the inquiry process among group members, rather than interacting one-on-one with the student presenter. The tutor sits in the group and takes three-column notes for the student presenter during the time he/she is at the board. The tutor should have no more than one equal voice in the tutorial.



### During the Tutorial (Steps 4-7)

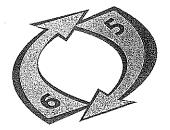


Group members/tutors help the student presenter think about the steps or process used to clarify his/her point of confusion. Checking for understanding occurs as the student presenter reviews with the group the work completed and articulates the steps or process used. The steps/process can be recorded on the whiteboard in a third column.





Steps 5 and 6 are repeated for as many group members as time allows. If time runs out before some students have had a chance to present, make sure there is a system in place to ensure these students present first during the next tutorial session. There may be times during the tutorial session that the critical thinking process does not enable the students to clarify a point of confusion. In this situation, the session can be used to create questions to take back to the content teacher for additional support, a tutor or student from another group could assist the struggling group, or a content teacher can come in to offer support as a guest tutor.



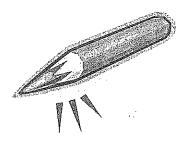


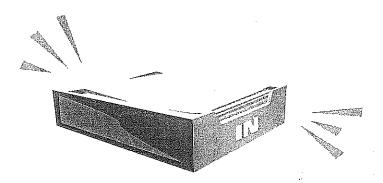


### After the Tutorial (Steps 8-10)



Following the tutorial session, all students write a reflection on their learning on the TRF. If a student did not have the opportunity to present, he/she can reflect on his/her learning based on another presenter's point of confusion. If time permits, students can share their reflections with a partner, the group or the whole class.







At the end of the tutorial session, students turn in the TRF to the tutor/ teacher for grading and feedback.
Students keep their three-column notes taken during the tutorial session. The TRF grade is based on: the pre-work inquiry, resources, collaborative inquiry, three-column notes on presenter's point of confusion and the reflection.

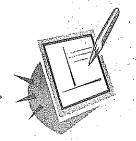


Teacher/tutors/students collaborate to debrief the tutorial—its effectiveness, concerns of the participants and ideas for refinement. Students then take what they have learned about their point of confusion back to their content area classes to verify their learning.

**Note:** The teacher and tutor schedule time to meet again to debrief the tutorial process.

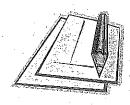


# Steps in the Tutorial Process



Before the Tutorial

Students take Cornell notes in their academic classes.



Students complete the pre-work inquiry on the Tutorial Request Form (TRF) while reviewing Cornell notes, completing homework or studying for a quiz/test.

3

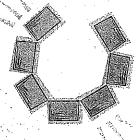
As students enter the room, the teacher/tutor checks the TRF pre-work and Cornell note resources.



### During the Tutorial

4

Students are divided into tutorial groups to meet the 7:1 student/tutor ratio.



S

The student presenter begins the tutorial by giving a 30-Second Speech about his/her pre-work. Tutor and group members ask questions to guide the student presenter through the critical thinking process. All tutorial members take three-column notes.



neck lent nd used





Teacher/tutors/students debrief the tutorial process. Students verify their learning in their academic classes.



Students turn in their TRFs to teacher/tutor for grading and feedback.



Students complete a written reflection on the learning that occurred from clarifying the point of confusion.

### After the Tutorial



Steps 5 and 6 are repeated for as many group members as time allows.



The group members/tutors check for understanding as the student presenter reviews the work and articulates the steps/process used to clarify the point of confusion.

X AVIII'Y		and the first of the second of the first	est Form (TRF)	ne bygging face of the control	
Streeter of Callings Devenue	Pre-	Work Inquiry (	Before the Tuto	rial)	- 1
Subject: Standard/Essent	ial Ques.:		Name: AVID Period: Date:		
Pre-work Inquiry	Resources	Collaborative Inquiry	Note-Taking	Reflection	Total
/12	/1	/2	/3	17	/25
Initial/ Original (	Question:		Source, page # &	problem #:	Will the Control of t
-					/1
Key academic vo	cabulary/definition	on associated wi	th topic/question:		
eda p					
2.					i.
					/2
What I Know abo	out My Question:				
1.					
2.					
					l ex
Critical Thinking	about Initial Que	stion.	Identify General F	Process and Steps:	/2
					•
		l es			la
Ouestion from P	oint of Confusion	. /3			/2
	110000 10000000000000000000000000000000	•			
					1
					/2

TwoColumn Notetaking (In Take two/threecolumn notes (question/notes/steps or p paper. Keep your notes in your binder to study.	class—During the Tutorial) rocess) during the tutorial on notebook	
Reflection (In class	After the Tutorial)	
My point of confusion is based on a focus area from	my Grade/Tutorial Analysis:   Yes	□ No
I was a student presenter during tutorial today:   Y	'es □ No	
	9	
My point of confusion was		
What I learned about my point of confusion is		
I gained a new/ greater understanding of my point of c	onfusion by/when	
This learning is important because it connects to my pr	revious learning/experience, myself, ar	id/or my
world (circle one), in the following way		
		•
What I found meaningful about today's tutorial session	n is	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>
		/1



# Tutorial Request Form (TRF) Pre-Work Inquiry (Before the Tutorial)

Subject:			Name:		
Standard/ Essential Question:		AVID Period: Date:			
Pre-work Inquiry	Resources	Collaborative Inquiry	Note-Taking	Reflection	Total
/12	/1	/2	/3	/7	/25
• "How can I si Key academic • "What are the • "What is the e • "Can I define	vocabulary/def e key academic definition from them in my owi	ain this question inition associate vocabulary wor my book or note n words?	n in my own word ed with topic/que ds I need to unde es?"	estion:	·. /
"What do I ki "What conce; "How can I o	now about my ir pt does this rem rganize the info	nitial question?" ind me of?" rmation?"		ent area or anotl	her suhiect?"
• "What do I ki • "What conce • "How can I oi • "Can I conned • "Can I make a	now about my ir pt does this rem rganize the infor ct this concept to a prediction abo	nitial question?" ind me of?" rmation?" o prior knowled out a reasonable	lge from this cont answer?"		
• "What conce, • "How can I or • "Can I connec, • "Can I make a  Critical Thinki • "What can I s • "What does t about this topi • "How do I pla what strategie • "Can I work I • "From my ini and what can I • "Have I done and what step • "Can I break parts and if so • "Can I call so me?"	now about my ir pt does this rem rganize the inforce this concept to a prediction about Initial show about my che textbook or it is should I use?" packwards?" itial question, w	nitial question?" ind me of?" rmation?" o prior knowled out a reasonable  Question: question?" notes say his question; hat do I know em/ question olve it?" ion to smaller ey be?" r class to assist	lge from this cont answer?" Identify Genera • "What are the	l Process and Ste steps to what I k now that I can app	ps: now?"

your point of confusion.)

#### Collaborative Inquiry (During the Tutorial)

#### Notes from Inquiry:

(Completed by tutor from what I recorded at the whiteboard.)

- When the tutor sees or hears the "Ah ha" indicating that I understood the point of confusion, he/she will record a "!"
- The tutor will record any key words or conversation occurring at the "!" moment so I can more easily identify what I was thinking and/or what assisted me in clarifying the point of confusion.
- This "!" can be used for me to reference while I write my reflection.
- If my point of confusion is that I don't know what I'm doing wrong in my problem, as we look at my pre-work and rework the problem during the tutorial, the tutor will circle where I was making the error. Then as a group, we will write a question from that point.

Continue to Identify Process and Steps:

 "As I review my work, what were the individual steps I took to clarify my point of confusion?"

These twocolumn/threecolumn notes
should be taken
on notebook
paper.

#### Reflection (In class--After the Tutorial)

My point of confusion was		
	•	/1
What I learned about my point of confusion is		
		/1
I gained a new/ greater understanding of my point		
		/2
This learning is important because it connects to n		
world (circle one), in the following way		
		/2
What I found meaningful about today's tutorial sea		
		/1



# Tutorial Request Form (TRF) Pre-work Inquiry (Before the Tutorial)

Subject: AP	Economics	•	Name: Jack	<ie< td=""><td></td></ie<>	
Standard Essential Question:			AVID Period: 50		
			Date: 2/10/	11	
Pre-Work Inquiry	Resources	Collaborative Inquiry	Note-Taking	Reflection	Total
/12	/1	/2	/3*	17	/25
Initial/Original Qu	restion:	Source, Page # a	and Problem #:	G. p. 257	#1
How would Producing cost and	You explair a product an implici	the mean and the a Cost?	ing of the lifterence b	opportunit etween an	y cost of explicit 11
1. explicit s	cabulary/Définition <u>cost = the n</u> esources f	nonetary po rom non-o	ayments th wners of	at a firm the firm	makes to
2. implicite Paid for	cost-the n self-owne used in the	nonetary 30 ed or self- Lir next be	yments tv employed r st-alternat	iat Would. Esources i ive Outside	f they the firm 12
What I Know Abo	ut My Question: ic COSTS C	an be exp	licit or in	plicit.	
2. normal payment performi	Profit is a finat entented the state of the	n implicit brepreneui preneurs	rs must h functions	eceive for for the fir	m. /2
1					
· Bu using	g the the	importance	1. Know	difference	between
of the in	mplicit cos	t and	explicit	and imp	licit
explicit	cost, oppo	rtunity	Costs	· ·	
I PAST CUY	i <i>be</i> unau	Strod			
Lucala lat	0 Lb v		2. Poc ?		
(POC)- is a	distinguish ty cost of	ing the producing			
a produc	†				
		/3			/2
Question From Po	pint of Confusion: Apply The	definitions	of explicit	and implicit	+ Costs
to explain	the opport	unity cost	of producii	19 a produ	d? 12



### Three-Column Note-Taking (In Class—During the Tutorial)

Take three-column notes (question/notes/steps or process) during the tutorial on notebook paper. Keep your notes in your binder to study.

#### .Reflection (In Class—After the Tutorial)

My point of confusion is based on a focus area from my Tutorial Analysis Grade Reflection: 

☐ Yes ☐ No
☐ No

In the space below, elaborate on the following questions as you reflect on the tutorial process: What was your/ the point of confusion? What did you learn about the point of confusion? When/how did you gain a new/ greater understanding about the point of confusion? How does this new learning connect to previous learning/ experiences, yourself and/or the world? What did you find meaningful about the tutorial session?

My point of confusion was identifying the between explicit and implicit costs and it to the opportunity cost of producing a product. What I learned about my point of confusion is that there is a relationship between opportunity cost, implicit and explicit cost. I gamed a greater understanding of my point of confusion by identifying the similarities between opportunity and economic costs. This learning is important because it connects to my previous learning because I know what economic cost means and by relating it to opportunity cost, I understand better. What I found meaning ful about todays tutorial session is that I am now able to distinguish the difference between the implicit and explicit costs and ne apply to the opportunity cost.

POC ?

Notes

If the business cycle contributes to how the macrdeconomics works, what would be an example?

example; macro-behavior of all the U.S. Micro-based on the state

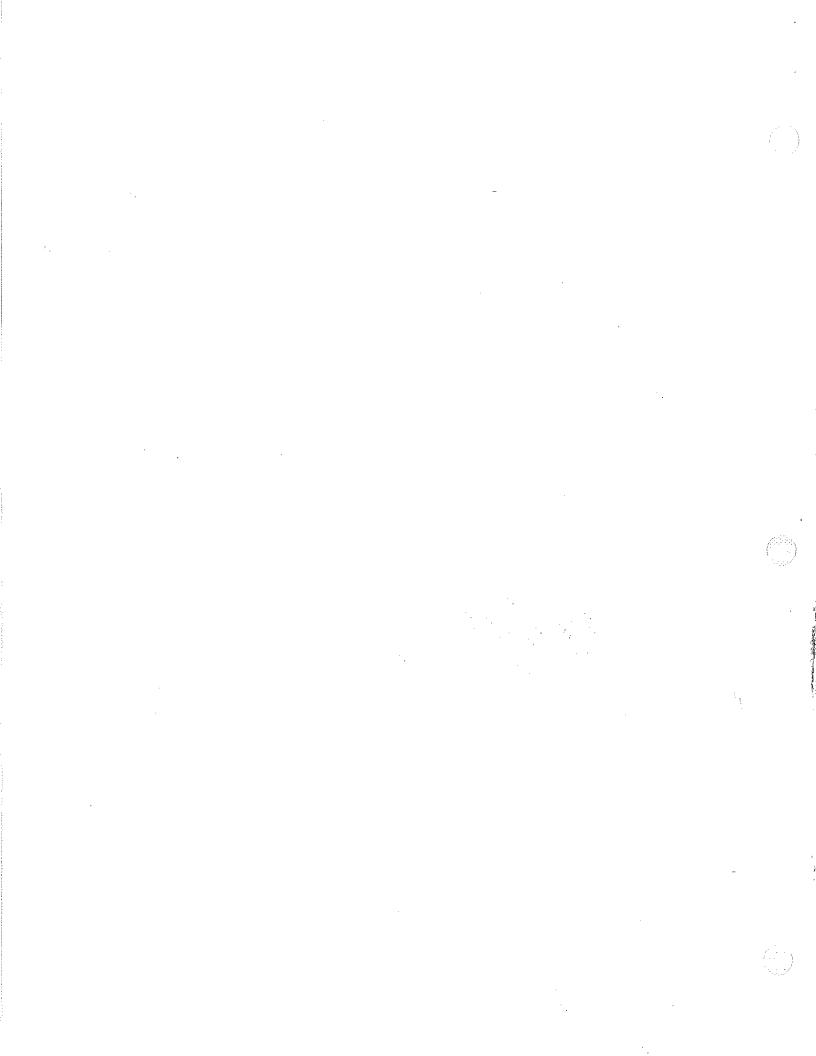
How would you explain the meaning of the opportunity Cost of producing a product and the diff. between explicit cost Implikit cost?

· economic cost -Implicit or explicit · explicit: the monetary payments that a tirm makes to Obtain resources from owners of the firm -what owner actually Pays Implicit: the monetary payment that would have been paid for self-owned resource · Opportunity cost - what you're giving up in order to get opp. cost = econ. cost

can be both expl. or impl.

opp. cost of producing aproduct is what you are giving up in order to produce it.

- O know what the diff. meanings are for Implicit and explicit
- @ understand what opportunity means
- 3 explain what it means to produce a Product
- (4) Apply knowledge to question



# Decades of Gollege

### Tutorial Request Form (TRF)

Pre-work Inquiry (Before the Tutorial)

Subject: Social Studies			Name: Jasoi	n	
Standard Essential Question:			AVID Period: 5°		
			Date: 1/14/12		
Pre-Work Inquiry	Resources	Collaborative Inquiry	Note-Taking	Reflection	Total
/12	/1	/2	/3	17	/25
Initial/Original Qu Was the Violation	Initial/Original Question:  Source, Page # and Problem #: P. 3061-307 #1 (Homework)  Was the law that passed against Sedition in 1798 a  violation of American's right to freedom of Speech? Explain why  or why not?				
Key Academic Voo 1. Sedition	Key Academic Vocabulary/Definition Associated With Topic/Question:  1. Sedition—a Stirring up of rebellion against a govern.  2. Violation—is something that prohibits you from doing something; which you did wrong.  1. Violation—is something; which you did wrong.  1. Violation—is something; which you did wrong.  1. Violation—is something; which you did wrong.				
What I Know Abo  1. The law to free	What I Know About My Question:  1. The law passed was a violation of Americans' right  1. The law passed was a violation of Americans' right  1. The Allen and Sedition Act in 1798 was passed by the  2. The Allen and Sedition Act in 1798 was passed by the  Federalist Congress to Silence its critics.  12				
Critical Thinking About Initial Question:  Gave Tres pomor  for arrest disloyal  Citizens  Country during  Wartime  Line 1798.  Identify General Process and Steps:  In Review details about  Alien and Sedition Acts  Country during  Wartime  In 1798.					
Poc- Na: American	Allien and Sedition Acts of it a violants as rights	of spean ation of to freedom	Ja. Create		/2
of Speech Question From Po How Can 1798 is a	oint of Confusion: I determi violation	ne if the	Aliën and om of spe	d Sedition ech?	Act of 12



### Three-Column Note-Taking (In Class—During the Tutorial)

Take three-column notes (question/notes/steps or process) during the tutorial on notebook paper. Keep your notes in your binder to study.

Reflection (In Class—After the Tutorial)
My point of confusion is based on a focus area from my Tutorial Analysis Grade Reflection: "K Yes 🗆 No
I was a student presenter during tutorial today: 🗡 Yes 🗆 No
My point of confusion was how can I determine if the Alien and
Sedition Act of 1798 is a violation of freedom
M
of Speech?
What I learned about my point of confusion is that using a cluster diagram  I could record facts from my notes that I learned
I could record facts from my notes that I learned
about the Alien and Sedition Act.
/1
I gained a new/greater understanding of my point of confusion by wher I made a t-char
and organized muinformation by violations and non-
and organized my information by violations and non- violations. I realized since I had no information in the
non-violation column that the Alien and Sedition Acts 12
Were a Violation of treedom of Speech. This learning is important because it connects to my previous learning experience, myself,
This learning is important because it connects to my previous learning experience, myself
and/or my world (circle one) in the following way it shows me that I can
use graphic organizers to organize my work
brainstorm new info. and record my new learning
What I found meaningful about today's tutorial session is <u>Hot it made me think</u>
about my freedoms as an American and when my
about my freedoms as an American and when my freedom of speech may be violated.
J

#### TRF Notes POC? Gave Pres. Power How can I to airest determine disloyal aliens or order them out of the country during wartime. L'Hizens if the Alien and Sedition Ad Alien of 1798 is a Clamped and down on violation of Sedition freedom freedom of Acts of Goodh on dress Speech? targeted Aliens Immigrant violation violation · Citizens from H >15 yrs. · Clamped down' on reedom of pres. can Itis a violation of reedom of speech! Example for today

newspaper not publishing

### Process

- 1. Created a
  cluster diagram
  about the Alien
  and Sedition Act.
- 2. Created a T-char
  to show if the
  facts were a
  violation or nonviolation of fleeds
  of speech.
- 3. Analyzed the T-chart to determine if it was a violation of freedom of Speech.
- 4. Determined that the act is a Violation of the freedom of Speech.

### Jason's. Textbook Notes

Essential Question: What were the Alien and Sedition Acts?

and order to the second	Why were the	1.: Federalists Congress passed
a men ann a bheadaras	Acts passed?	In 1798 to stop criticism/x000
	_	during war time crisis (2)
· · · · · · · · · · · · · · · · · · ·	A control of the second	during war time crisis (200)  - theat of war w/ France
		2. Laws
	How do I	1st -Waturalization Act) passed by
- Andrew Marketon	explain what	Congress on June 18.
	the Alien and	-Required that aliens be
	Sedition	residents for Hyrs instead of
	11	5 yrs before they become eligible for U.S. Citizenship
	Acts of	2nd-Passed Alien Action June 25th
	1798 are?	authorize Pres. to deport
	The second secon	aliens "dangerous to peace of states" during peace time
	what are	3rd-Allowed the wartime
	the differences	arrest, imprisonment, and
	of the four	arrest, imprisonment, and deportation of any alien
		Subject to an enemy fower
	laws that make	Last-Sedition Act - passed
	up the acts?	July 14 Any treasonable activity
	Wet and the second	Coublications (faise)
	S.C. Carlos Company	Scandalous) can be
.,	1	punishable by fines or prisons

Summary: The Alien and Sedition Acts were passed in 1798 to stop criticism during the wartime crisis wheef France. The Alien and Sedition Acts are made up of four laws collectively. The four laws (Naturalization Act + Alien Act + Alien Enemies Act + Sedition Act) were created to strengthen the Federal government. Each low is different ranging from the number of years it take to become a citizen to not being able to publish false

# AVID°

### Tutorial Request Form (TRF)

### Pre-work Inquiry (Before the Tutorial)

Subject: Algebra 2 Name: Jennifer					
Standard Essential Question: Solve for the			AVID Period: 26		
	equation a		Date: 9/29	a	
Pre-Work Inquiry	Resources	Collaborative Inquiry	Note-Taking	Reflection	Total
/12	/1	/2	/3	/7	/25
Initial/Original Qu	estion:	Source, Page # a	and Problem #:		
Solve the	following	quadrat	ic equati	on and	graph it:
$y = x^2 + 2$	2x+3	,	*		/1
Key Academic Voc	abulary/Definition	Associated With To	ppic/Question:	b \$	
1. Complet quadrat	ing the sic expres	square - i	a process a perfect	used to square	make a trinomial.
2. parabola	1- set of al	I points in	a plane 7	that are	the same
distanc	e from a c	liven point	*		/2
What I Know Abou	ut My Question:		g a s		/ / ·
1. Part of the squ	transformi lare	ng the eq	luation is	using con	npleting
a The fire.	r step to a	raphina u	tter Tran	ISTORMING	The
<u>tquano</u>	n is iniai	ng aria p	lotting the		/2
Critical Ininking A	bout Initial Question	on:	Identify General P		
$y = x^2 + 2x$	$= x^2 + 2x +$	?	have to sta	rm The equa irt bu comp	ntion you leting the squa
	$\hat{}$	taminaty	2. Since dur	ILL AVE GUDDAS	sed to array
vertex:			the equati	on that's u	sed to graph
May are SI	ipposed to a	raph the	Change it	to u= a(x	$-h)^{2}+k$
You are supposed to graph the Change it to $y=a(x-h)^2+k$ inequality and end up with a 3. You find the vertex to plot					
parabola. the first point of the equation					
· But 1st 1	ou are sup equation t	posed to	4. Use a	"x" and "u	" table
turn the	equation t	by=a(x-h)=k	to find th	ne other pu	pinte
<del>*</del>	_ vertex (		101111	70	/2
Questian Eram Da	int of Confusion.	• -	or Trian lead	auladas al	
the square	how do I	Transform	y Prior kno the equa	tion Into V	ertex tom
and what	is the proce	ess for find	ling the po	ints?	/2
	1		J 1	and the second s	And the second s



### Three-Column Note-Taking (In Class—During the Tutorial)

Take three-column notes (question/notes/steps or process) during the tutorial on notebook paper. Keep your notes in your binder to study.

#### .Reflection (In Class—After the Tutorial)

My point of confusion is based on a focus area from my Tutorial Analysis Grade Reflection: ☐ Yes ☐ No I was a student presenter during tutorial today: ☐ Yes ☐ No

In the space below, elaborate on the following questions as you reflect on the tutorial process: What was your/ the point of confusion? What did you learn about the point of confusion? When/how did you gain a new/ greater understanding about the point of confusion? How does this new learning connect to previous learning/ experiences, yourself and/or the world? What did you find meaningful about the tutorial session?

My point of confusion was how to transform the equation into vertex form and how to find the points to graph the parabola after you have found the vertex. From my point of confusion, I learned how to use the "x" and "y" table to find the points. I gained a greater understanding about my point when I was solving for the vertex. Graphing the quadratic connects to my previous learning of regular graphs. What I found meaningful was the process of finding the vertex because I wasn't just learning how to solve for the vertex, but also I was learning how to complete the square.

	the state of the s	demanite alleran	TRF	9
	Po	C ?	Notes	Steps
	ale control			William Control of the Control of th
oppoples of a second	By U	sing	$y = x^2 + 2x + 3$	1) Use completing
	my	prior	y-3+?=x2+2x+?	the square
ing and the second an	. 4 1	vledge	(生)2=(生)2=11	2) Fill in the blanks
the province to the street of the street of the	of c	ompleting	y-3+1=x2+2x+1	3) Factor the
dependence of the first	the	square,	$y-2=x^2+2x+1$	right side of
	Pr =	doI	" x	equation
- year of year of the second s	tran	sform	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	4) Add (the 2)
on you nagles at add addings to the de distinct	the	Equation		5) Find the Vertex
fre y a Bylong Managerophological	Into	vertex		6) Find the points
	for	n and	$y=a(x-h)^2+k$	near the vertex
	wh	at is the	vertex: (h, k)	Plug them into
e de companyo conserva	pro	cess for	$y-2 = (x+1)^2$	the equation
	An	ding the	+2 +2	7) Graph Using
anger de la c	Po	ints?	$y = (x+1)^2 + 2$	those points
			vertex: (-1,2)	110000000000000000000000000000000000000
	4 *10	1	1	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	• • •		CHITETTE TO	Citation Company
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
		i i i i i i i i i i i i i i i i i i i		Names of the state
		i i i i i i i i i i i i i i i i i i i	X 2 0 2	and the state of t
	··.·	44	1 1 3   a   3	
	9	G	4 = (1)2+2	The state of the s
		) • • • · · · · · · · · · · · · · · · ·	4 = 1+2 -> U = 3	egypting
		3 * f	y= (-1)-12 y= (-1)-+2,	* · · · · · · · · · · · · · · · · · · ·
		<b>र</b> नीक्	9=1+2 -> [0=3]	

### Jennifer's Content Class Notes

Abril garden (AY Represent to the Constitution of the Constitution		Graphing Quadration	CS
Heathern Charles		In order to graph	
Andreas Parket	vertex affect	(parabolas) we he	ive to know
The section of the section of	the entire	(parabolas), we he how to find the	Vertex)
	graph?		
and of the same of each fields.		Finding the verte.	x depends on
Acres managements against the state of the s		the Equation form	
order transfer	How can finding	2. Standard Form	Vertex Form
-	the vertex using	$f(x)=ax^2+bx+c$	$y = G(x-h)^2 + k$
	vertex form be	•	
der a de santante en	easier than with	9	vertex = ·Ch,k)
***************************************	Standard form?		
	1	"k" - vertical t	
- in section of the		"h" - horizontal	translation
	How else can	3. The completing	the square can
	Don soine Low	be used to sol	ve when the
in in the second second	the equation	quadratic is a	perfect square
	It it is not a perfect square?		
***************************************		· Step 1 · Find 1/2 of X	fb, the coefficie
		SLO7 - Source +	he recult in #1
!	en e	Step 3 - Add the	rest of \$2 to x2 to
	4	Step 2 - Square to Step 3 - Add the Symbols: X2+bx	+(生)=(x+生)2
:	Summary: The ver	tex is the point at which	

Summary: The vertex is the point at which the axis of Symmetry intersects a parabola, so if you mess it up, the entire graph is messed up. Using vertex form is easler because you just need to take h it as the vertex. If the equation is not a perfect square then you can use the square root property to solve.

# Tutorial Request Form A (TRF) Pre-work Inquiry (Before the Tutorial)



Subject: English	Name: HOTEL I	Tharra			
Standard Essential Question: 141 hate	AVID Period: 4	th period			
outling for an Expository	Date:10-5-13				
Pre-Work Resources Collaborative Inquiry	· Note-Taking	Reflection	Total		
/12  /1  /2	/3	17	/25		
nitial/Original Question: Source, Page # and Problem #:					
Explain how to write an expository essay.					
		g <sub>i</sub> di	/1		
Key Academic Vocabulary/Definition Associated With	Topic/Question:	- I see the seed of the seed o	A		
1. Thesis - A Statement or the	ei that in	put Forw	iard asa		
Premise to be maintained or proved.					
2. Expository-Intended to a	explain or	describe :	Bomething		
What I Know About My Question:		d.			
1. I know that In Order to	muje an	ex positon	lesearl		
you need to Explain, use exc	imbles and	use expi	eriences,		
2. I know that you always	, need a t	hesis st	atement		
to Write an expository es	soay,		12		
Critical Thinking About Initial Question:	Identify General P		•		
E 3 204	1	tree map	i		
	2. Write	parts o	Fa		
Introduction Body Paractook	introdu	chion			
Tools Tools 550+	+3 wite	parts of	a podu		
· Dupport apa 2, and 3	Paragr	aph.	ل		
Libesis		*			
THE CONTRACTOR OF THE CONTRACT					
www.		•			
	2 2				
<u> </u>			/2		
Question From Point of Confusion: Las lande Dos	cts of an	Con clus in			
Question From Point of Confusion: What Path	itary essa	<u>Conclusia</u> Uo			

# Tutorial Request Form A (TRF) Pre-work Inquiry (Before the Tutorial)



		A Imploiper		J	
Subject: Englis	h		Name: Marth	ra Paz	
Standard Essential Question:			AVID Period: 4		
Create a paragraph for an Expository essay			Date: 10-3-13		
Pre-work	Resources	Collaborative	Note-Taking	Reflection	Total
Inquiry		Inquiry			4.
/12	/1		/3		/25
Initial/Original Questio	n:	Source, Page # a	and Problem #:		
Look at the p answer the au School dress	ication / ] Code	nat do gou Can writt	nced to	explain the	o he /1
Key Academic Vocabul 1. Topic sentenc rngin topic i	e:a sent	ence that	explains to	-	
2.Commentary of your op	Sentence Inion is	:.a senter <u>about som</u>	re that ex rething.	plains mor	e /2
What I Know About My	/ Question:				
1. A exposito	y essay	is usually	divided in	to intro.,	/2
Conclusion, and Critical Thinking About	DOGY	Para graph:	Identify General P	more and Stene	CONTRACTOR OF THE PARTY OF THE
GIVES (Poi	th In Joshory	Comment	of I-draw to 2711 out	charactet	istics
(topic Sentance)	**************************************	ventory)	Glocut the	e 2 topics	
B	OH /	GPars	**************************************		
V	exribe)	/3			/2
Question From Point of Lyrox 15 the			a comme	prote	
benterve a	nd a r	lopk seri	tence?		/2

# Tutorial Request Form A (TRF) Pre-work Inquiry (Before the Tutorial)



H B C BACH	re hore from )	A (neinie r	lic iulviiai	1	Berndes of College Breams
Subject: U, S	History	A	Name: Jessic	a Ocampa	Ĵ
Standard Essential Question:			AVID Period: 4th		
			Date: \0-2-1	3	
Pre-Work Inquiry	Resources	Collaborative Inquiry	Note-Taking	Reflection	Total
/12	/1		/3		/25
Initial/Original Qu Exploim Necessave	estion: the 3/6ths 4 for val	Source, Page #: Compromts : ification .	and Problem #: Le ; \NC\Ude	why this	, was /1
1. Unallend such as	abulary/Definition able Right life, libert ntse: A se ons.	ts: Rights y iand P	yeu are v ersvit of	and harman	
D Acted	ut My Question: '6+NS Com would cou nave +Ne Y	Mal I server	as is a		5 slaves 1 taxation.
South Lound of Want them Water I	Sompromise Solding Sol	ise miche)	T mad map of comprom down c ellects c	auses an	e fiths I put d wpromise.
Question From Po WIHN H	oint of Confusion: No flyetey	ib wo <del>rl</del> basma ata	ments	ation cho	inged 12

Tutorial Request Form (TRF) AVIII Pre-Work Inquiry (Before the Tutorial) Reflection Total Resources Collaborative 3-Column Pre-work Note-Taking Inquiry 1 110 /23 Presenter /30 /10 /25 /10 125 /70 Group Member /10 /25 Name Subject AVID Period: Standard/Esseñtial Question: Date: What is a Schate? Source, page # & problem #:\_ Initial/Original Question: What is a Senate & how can I gain a greater inderstanding of it? What does it have to do with const.? Key Academic Vocabulary & Definition Associated with Topic/Question: constitution: body of fundamental principles that governs a state for anization Senate: legislative governing body do wil grut. Constitution has to do do ul const. : legislative branch Ideatify General Process and Steps Critical Thinking about Initial Question: HOUSE Senate Differences 3.) Similarites 4.) Roles ? 13 12 Question from Point of Confusion: the benut Impact laws and the constitution?



#### 3.12: Presenting and Questioning

### Tutorial Video Comparison Chart

#### Student Presenter

Directions: As you watch the tutorial video, record your observations for the student presenter in the video next to each category listed in the first column. Record what you do as a student presenter for each category in the second column. Create next steps for yourself as an effective student presenter and record in the last column.

	Video Observations	Myself as a Student Presenter	Next Steps for Me
Stands up and presents question formally to the group			·
Shares pre-work and point of confusion			
Presents an authentic question			
Records own thinking on the whiteboard, as well as the group's thinking			